

Title (en)

Fluid delivery system with tubing for printing system

Title (de)

Flüssigkeitsabgabesystem mit Schläuchen für Druckvorrichtung

Title (fr)

Système d'administration de fluide avec tubage pour système d'impression

Publication

EP 0826504 A2 19980304 (EN)

Application

EP 97306158 A 19970813

Priority

US 70606096 A 19960830

Abstract (en)

A tube routing configuration for a printing system (10) with an off-axis ink supply system. The system includes a printer housing and a transporting system for transporting a print medium along a medium path to a print area. A scanning carriage (16) holds a printing cartridge (18) with a printhead, the carriage holding the cartridge such that the printhead faces the print area. A carriage scanning apparatus (22,24) moves the carriage along a scanning axis transverse to the medium path at the print area. An off-axis ink supply station (30) is mounted in a fixed position relative to the printer housing. Hollow flexible tubing (36) interconnects between the carriage and the off-axis ink supply station to provide an ink replenishment path for the printer cartridge. The tubing is routed between the carriage and the off-axis supply station such that a loop (36A) is formed in the tubing, and wherein the loop is substantially contained within a vertically projected volume swept out by the carriage, thereby reducing the need for additional product volume required for the tubing. <IMAGE>

IPC 1-7

B41J 2/175

IPC 8 full level

B41J 2/175 (2006.01)

CPC (source: EP US)

B41J 2/175 (2013.01 - EP US); **B41J 2/17509** (2013.01 - EP US); **B41J 2/1752** (2013.01 - EP US); **B41J 19/005** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

US 6003981 A 19991221; DE 69704748 D1 20010613; DE 69704748 T2 20010823; EP 0826504 A2 19980304; EP 0826504 A3 19981202; EP 0826504 B1 20010509; JP H1086403 A 19980407; US 6068370 A 20000530

DOCDB simple family (application)

US 86686297 A 19970530; DE 69704748 T 19970813; EP 97306158 A 19970813; JP 23556297 A 19970901; US 70606096 A 19960830